

Ref.

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TITLE: MICROCOMPUTER WITH FLASH MEMORY, AND CONTROL METHOD FOR
THE NUMBER OF TIMES OF REWRITING

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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To perform correctly controlling the number of times of rewriting changing a value of a bit position corresponding to the number of times of rewriting of a region in which the number of times of rewriting is controlled corresponding to each block constituting the number of times of rewriting region of a flash memory, when rewriting of a block is performed.

SOLUTION: A flash memory 100 of a microcomputer with a flash memory is provided with the number of times of rewriting region 100B for controlling data of the number of times of rewriting of a rewriting region 100C. The number of times of rewriting region 100B is the number of times of rewriting region 1 to n provided corresponding to each block 1 to n of the rewriting region 100C, and stores and controls data of the number of times of rewriting for each block. The number of times of rewriting region 1 to n constitutes the number of times of rewriting region of one block with 13 bytes (=104 bits), and the number of times of rewriting is expressed by the number (bit position) of a bit in which an initial value 1 is varied to 0 in 13 bytes.

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